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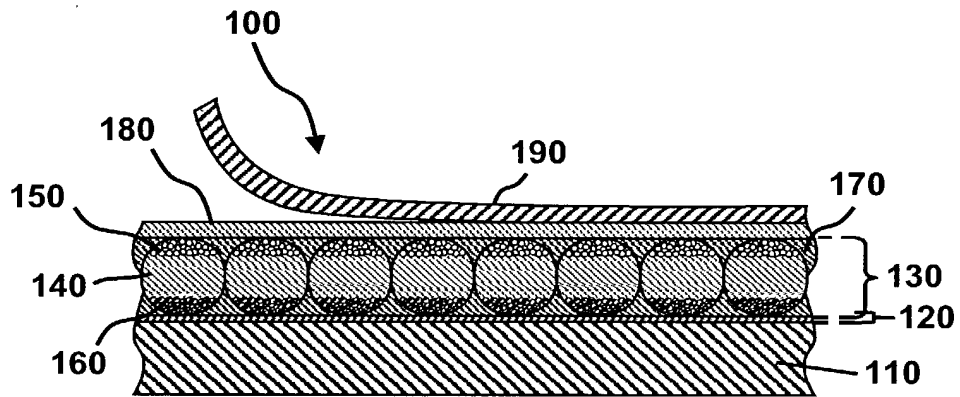


Fig. 1

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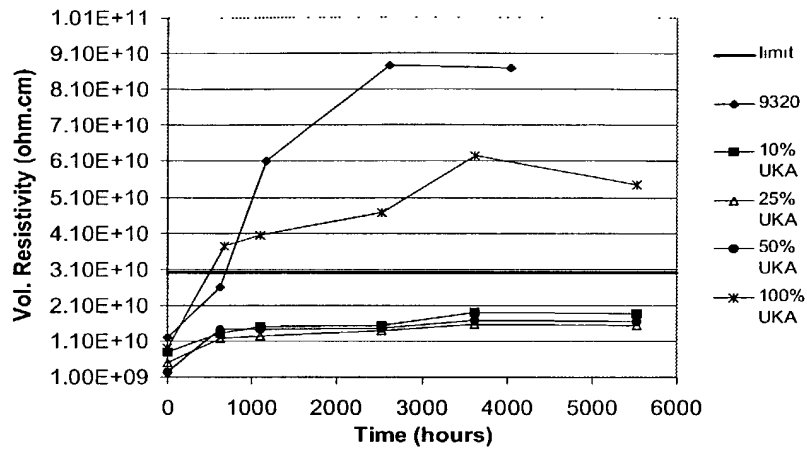


Fig. 2

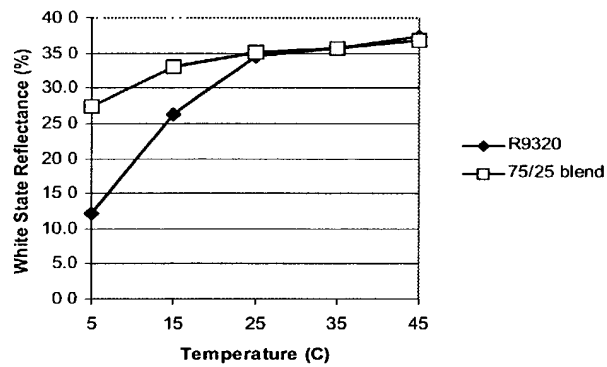


Fig. 11

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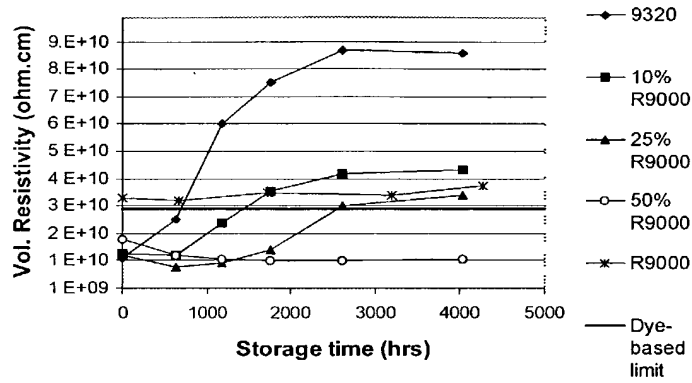


Fig. 3

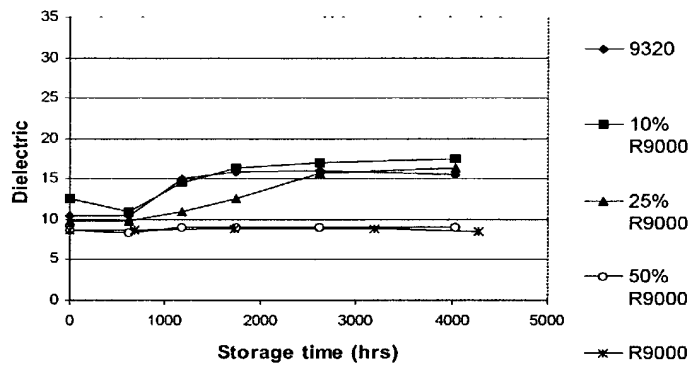


Fig. 4

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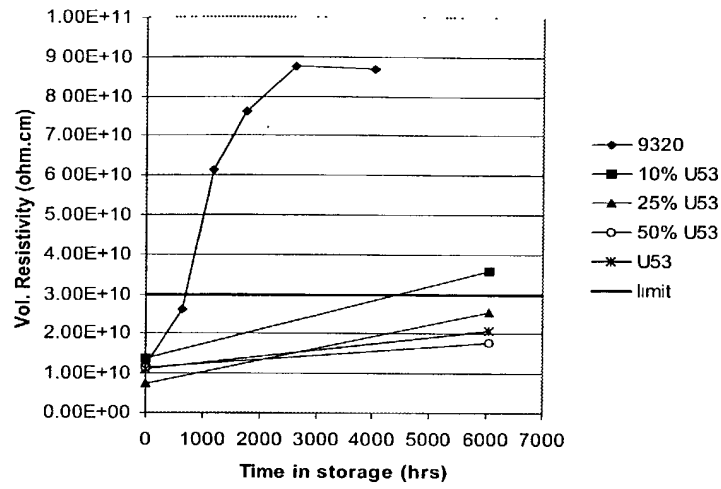


Fig. 5

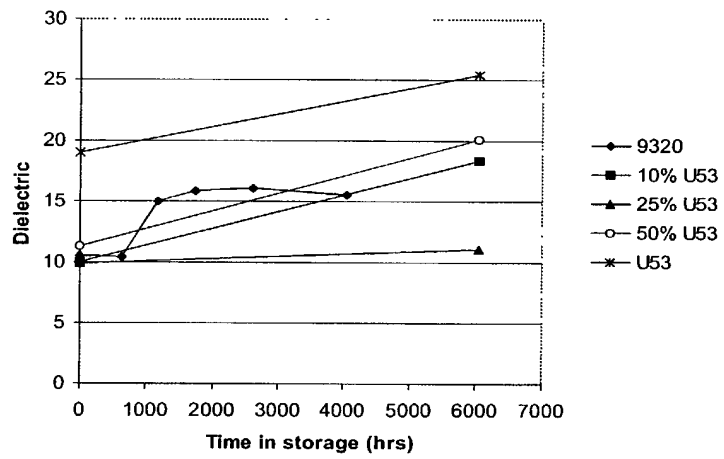


Fig. 6

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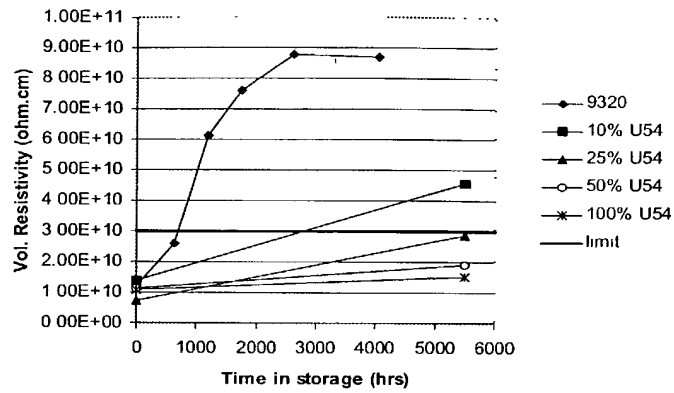


Fig. 7

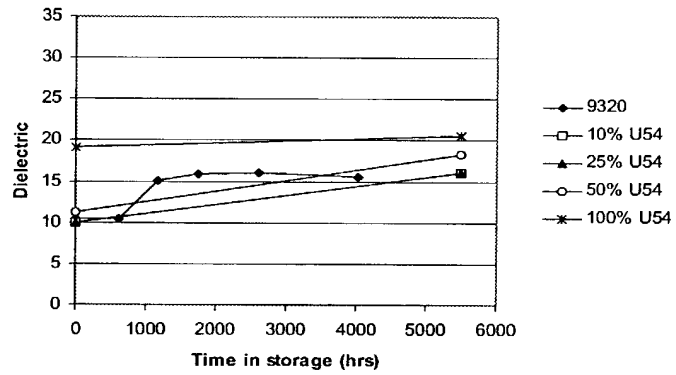


Fig. 8

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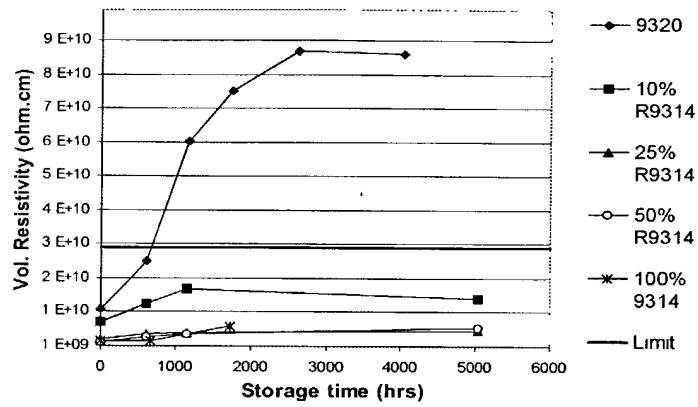


Fig. 9

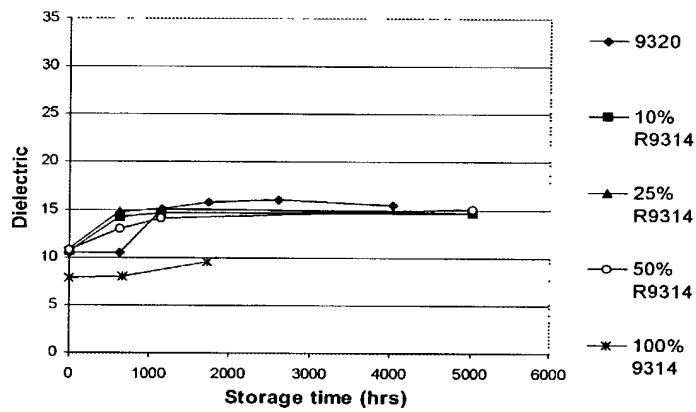


Fig. 10

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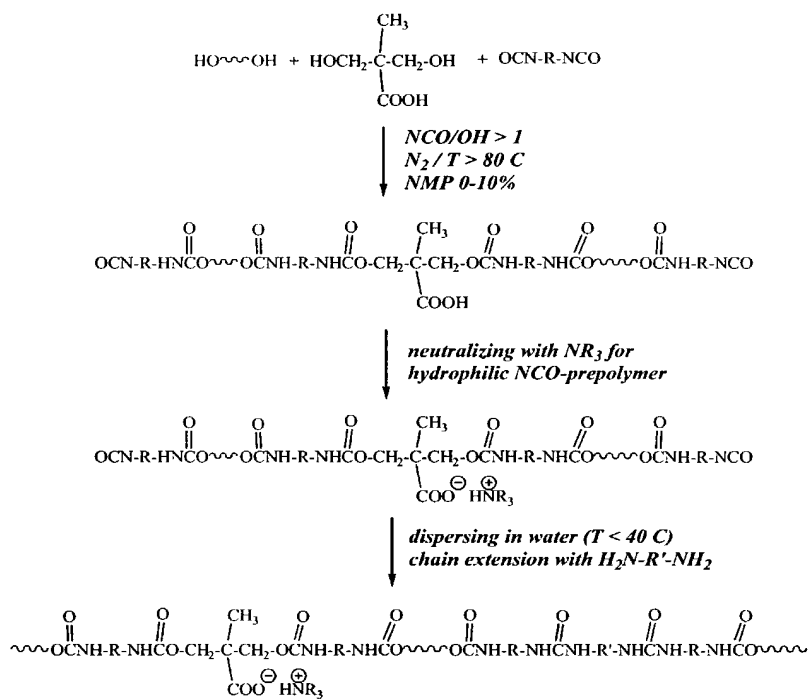


Fig. 12

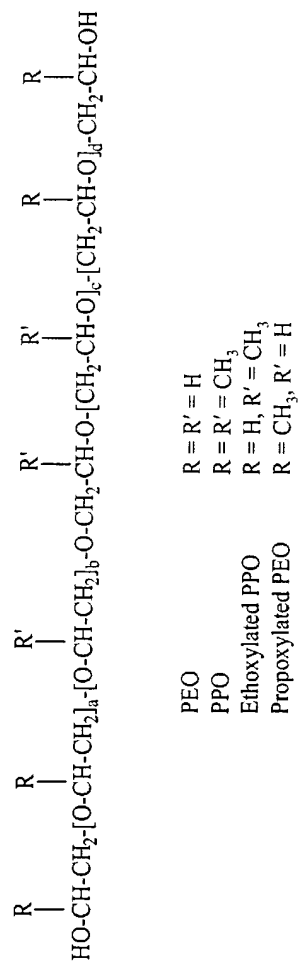


Fig. 13

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<i>Materials</i>	<i>Wt (g)</i>	<i>Wt%</i>	<i>MW</i>	<i>Mole</i>	<i>Mole%</i>
PPO2000	50.00	0.653	2000.00	0.025	0.152
DMPA	3.35	0.044	134.13	0.025	0.152
SnB2L2	0.04		631.56		
NMP	10.00				
H12MDI	18.36	0.240	262.35	0.070	0.424
TEA	2.53	0.033	101.19	0.025	0.152
H2O	105.00				
HMDA	2.32	0.030	116.21	0.020	0.121
H2O in 50% HDA soln	2.32				

Theoretical polymer wt 76.57 g
Dispersion weight 193.94 g
Solids (%) 39.5%
NMP (%) 5.2%

Fig 14

<i>Materials</i>	<i>Wt (g)</i>	<i>Wt%</i>	<i>MW</i>	<i>Mole</i>	<i>Mole%</i>
PPO2000	50.00	0.673	2000.00	0.025	0.172
DMPA	3.35	0.045	134.13	0.025	0.172
SnB2L2	0.04		631.56		
NMP	10.00				
H12MDI	18.36	0.247	262.35	0.070	0.483
TEA	2.53	0.034	101.19	0.025	0.172
H2O	100.00				

Polymer weight 74.25 g
Dispersion weight 184.29 g
Solids (%) 40.3%

Fig 15